

Application No. 10/567,051
Amendment dated September 27, 2010
Reply to Office Action of July 28, 2010

Amendments to the Claims:

Please amend claims 1 and 3 as follows. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A device for delivering a medicament into a body of a patient by injection into or through a skin surface of said patient, comprising:

a housing having a bottom surface adapted to contact a skin surface of a patient, and a top surface;

an injection needle adapted for penetration of said skin surface and for movement through a needle aperture;

a reservoir, disposed within said housing, said reservoir in fluid communication with said injection needle; and

a safety member adapted for movement away from said bottom surface of said housing, said safety member having a covering portion disposed about said needle aperture, and at least one shield protruding from said covering portion, said safety member having a first position wherein said shield of said safety member is initially disposed within said housing and said covering portion is substantially co-planar with said bottom surface of said housing, and a second position wherein said shield of said safety member is at least partially withdrawn from said housing and at least partially covers said injection needle;

a spring element configured to bias said shield and covering portion of said safety member toward said second position; and

a rotatable door disposed upon said bottom surface of said housing and having a first position, which prevents movement of said safety member, and a second position, which allows movement of said safety member;

wherein when said device is placed upon said skin surface of said patient and activated, said rotatable door is released and free to rotate from said first position to said second position and said spring element is free to urge said safety member into said second

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position, whereby, as said device is removed from said skin surface, said shield of said safety member emerges from said housing and at least partially covers said injection needle.

2. (Previously Presented) A device for delivering a medicament into a body of a patient by injection into or through a skin surface of said patient, comprising:

a housing having a bottom surface adapted to contact a skin surface of a patient, and a top surface;

an injection needle adapted for penetration of said skin surface and for movement through a needle aperture;

a reservoir, disposed within said housing, said reservoir in fluid communication with said injection needle; and

a safety member adapted for linear movement substantially perpendicular to said bottom surface of said housing, said safety member having a skin contacting portion disposed about said needle aperture and substantially covered with adhesive, and at least one shield protruding from said skin contacting portion and configured to be held in place by a device activation button, said safety member having a first position wherein said shield of said safety member is initially disposed within said housing and held in place by said device activation button, and said skin contacting portion is substantially co-planar with said bottom surface of said housing, and a second position wherein said shield of said safety member is released by activation of said device activation button and is at least partially withdrawn from said housing substantially perpendicular to said bottom surface, and at least partially covers said injection needle;

wherein when said device is placed upon said skin surface of said patient, said skin contacting portion of said safety member is temporarily adhered to said skin surface and when said device is removed from said skin surface, said adhesion of said safety member to said skin surface is sufficient to move said safety member from said first position to said second position.

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3. (Currently Amended) A device for delivering a medicament into a body of a patient by injection into or through a skin surface of said patient, comprising:

a housing having a bottom surface, and a top surface;

an injection needle adapted for penetration of said skin surface and for movement through a needle aperture;

a reservoir, disposed within said housing, said reservoir in fluid communication with said injection needle; and

a safety member adapted for rotational movement along an arcuate path relative to said bottom surface of said housing, said safety member having a skin contacting portion disposed about said needle aperture and substantially covered with adhesive, and a pivot, said safety member having a securing means while in a first position wherein said safety member is secured against said bottom surface and substantially co-planar with said bottom surface of said housing, and a second position wherein said safety member is released and rotated about said pivot and said safety member at least partially covers said injection needle;

wherein when said device is placed upon said skin surface of said patient and activated, said securing means is released by activation of said device and said skin contacting portion of said safety member is temporarily adhered to said skin surface and when said device is removed from said skin surface, said adhesion of said safety member to said skin surface is sufficient to rotate said safety member about said pivot from said first position to said second position.

4. (Previously Presented) The device as claimed in claim 3, further comprising a pressurization system for pressurizing said reservoir.

5. (Previously Presented) The device as claimed in claim 2, further comprising a pressurization system for pressurizing said reservoir.

6. (Previously Presented) The device as claimed in claim 1, further comprising a pressurization system for pressurizing said reservoir.